

For Research Use Only

TMEM106B Recombinant antibody, PBS Only

Catalog Number: 84196-3-PBS



Basic Information

Catalog Number: 84196-3-PBS	GenBank Accession Number: BC033901	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54664	CloneNo.: 250288B6
Source: Rabbit	UNIPROT ID: Q9NUM4	
Isotype: IgG	Full Name: transmembrane protein 106B	
Immunogen Catalog Number: EG4518	Calculated MW: 31 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

TMEM106B is a genetic risk factor for frontotemporal lobar degeneration with TDP-43 inclusions (FTLD-TDP). Amyotrophic lateral sclerosis (ALS), like FTLD-TDP, is characterized by pathological TDP-43 inclusions. TMEM106B expression in the brain may be linked to mechanisms of disease in FTLD-TDP and risk alleles confer genetic susceptibility by increasing gene expression. TMEM106B can be showed as 31-55 kDa and 70-90 kDa (Glycosylated or Dimer) form in western blot test. (PMID: 27543298, 22895706, PMID: 23136129).

Storage

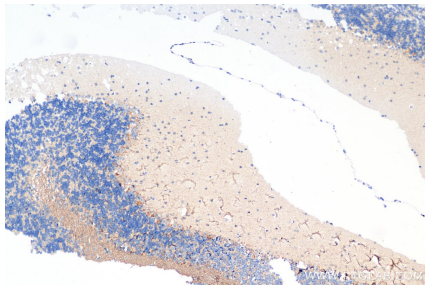
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84196-3-RR (TMEM106B antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84196-3-PBS in a different storage buffer formulation.